



# Wyoming Crop Weather



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## Week of July 14 – 20, 2008

**AGRICULTURAL SUMMARY:** Hot and dry with cooler nights.

Crop progress behind normal.

Range and pasture conditions lack moisture.

Last week was hot and mostly dry. Localized areas reported isolated hail storms which damaged pastures and some crops. High temperatures ranged from the high 70's to 100. Low temperatures were in the low 30's to the mid 50's. Thirty out of 33 reporting stations received below normal moisture. Accumulative precipitation remains behind normal levels in half of the reporting stations. Topsoil moisture levels rated adequate or better decreased from last week to 47 percent. Subsoil moisture is also lacking at 45 percent adequate or better.

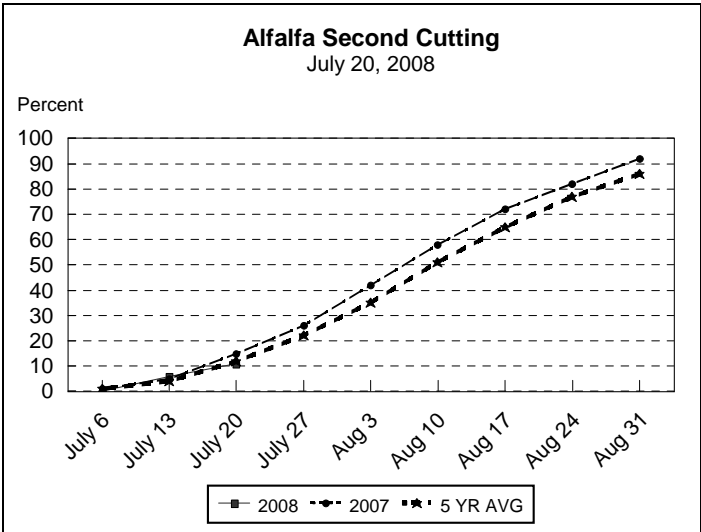
	This Week	Last Week	Last Year	5-Yr Avg
<b>Topsoil</b>				
Very Short	10	7	26	22
Short	43	36	44	47
Adequate	47	56	30	31
Surplus	0	1	0	0
<b>Subsoil</b>				
Very Short	21	N/A	35	30
Short	34	N/A	43	44
Adequate	45	N/A	22	26
Surplus	0	N/A	0	0

### CROP PROGRESS TABLE

Item	This Week	Last Week	Last Year	5-Yr Avg
Barley Booted	97	84	97	98
Barley Headed	77	63	87	90
Barley Turning Color	37	10	66	61
Barley Mature	11	0	36	22
Oats Booted	94	73	92	94
Oats Headed	70	57	82	78
Oats Turning Color	35	20	49	37
Oats Mature	14	0	26	17
Spring Wht Booted	98	85	96	96
Spring Wht Headed	78	65	74	83
Spring Wht Turn Color	15	9	46	48
Spring Wht Mature	5	0	15	19
Winter Wht Turn Color	95	86	96	97
Winter Wht Mature	60	13	86	81
Winter Wht Harvested	15	0	54	44
Corn Tassled	21	6	15	17
Corn Silked	3	0	2	3
Dry Beans Bloom	44	33	50	47
Dry Beans Setting Pod	15	12	14	17
Alfalfa Hay First Cutting	86	73	96	93
Alfalfa Hay Second Cutting	11	6	15	12
Other Hay Harvested	34	26	56	46

### IRRIGATION WATER

	This Week	Last Year	5-Yr Avg
Very Short	1	15	18
Short	12	33	32
Adequate	82	52	50
Surplus	5	0	0



**FIELD CROP REPORT:** An average of 6.9 days were suitable for fieldwork during the past week. Wheat harvest was in the beginning stages in some areas. Small grain crop was completing the boot stage. Crop conditions remained the same and crop progress was behind schedule. Ninety-five percent of the winter wheat was turning color, 60 percent was mature and 15 percent was harvested, 29 points below average. Over three-fourths of barley was headed, 37 percent was turning color and 11 percent was mature, 11 points below the average. Spring wheat was reported at 78 percent headed, 15 percent turning color and 5 percent mature, 14 points below average. Seventy percent of oats were headed, 35 percent were turning color and 14 percent were mature, 12 points below last year but only 3 points below the average. More than one-fifth of corn was in the tassel stage with 3 percent silked, which was consistent with the average. Dry beans were 44 percent in bloom and 15 percent were setting pods, 2 points below the average pace. Eighty-six percent of the alfalfa hay had been cut once with 11 percent cut for the second time, only 1 point below the 5-year average. Just over a third of all other hay has been cut.

### CROP CONDITION TABLE

Item	V Poor	Poor	Fair	Good	Excel
Barley	0	5	19	73	3
Oats	0	1	24	75	0
Spring Wht	0	1	36	62	1
Winter Wht	0	0	39	60	1
Corn	0	3	35	62	0
Sugarbeets	1	1	15	81	2
Dry Beans	0	0	1	99	0

**LIVESTOCK, PASTURE, AND RANGE REPORT:** Range and pastures were drying out due to wind and lack of precipitation. Range and pastures conditions were reported at 61 percent good or better, which dropped 12 points from last week.

### RANGE AND PASTURE FEED

	This Week	Last Week	Last Year	5-Yr Avg
Very Poor	1	0	6	16
Poor	6	2	19	19
Fair	32	25	43	33
Good	50	60	27	29
Excellent	11	13	5	3

**WEATHER SUMMARY:** Temperatures during the week ending Sunday, July 20 averaged below normal or at normal in 42 percent of the State. Average temperatures ranged from 4 degrees below normal at Newcastle to 13 degrees above normal at Buford. The high temperature was 100 at Wheatland while the low was 34 degrees at Lake Yellowstone and Shirley Basin. Thirty out of 33 reporting stations received below normal precipitation. The largest amount of the precipitation was reported in Sundance with 1.12 inches, 0.67 inches above normal.

**Weather Data for the Week Ending Sunday, July 20, 2008 <sup>1/</sup>**

	Weekly Air Temperature				Weekly Precipitation			Since Jan 1 Precipitation	
	Hi	Lo	Avg	DFN	Total Inches	Normal Inches	DFN	Total Inches	DFN
<b>District 1</b>									
Cody	90	52	70	1	0.00	0.28	-0.28	5.16	-1.62
Dubois	82	37	59	-3	0.00	0.22	-0.22	6.21	0.49
Greybull	96	51	74	2	0.10	0.14	-0.04	4.17	-0.69
Jeffrey City	88	41	66	0	0.00	0.22	-0.22	5.21	-1.84
Lake Yellowstone	76	34	55	1	0.00	0.35	-0.35	10.54	-1.31
Lander	92	54	74	3	0.00	0.21	-0.21	9.34	0.81
Powell	89	48	68	-2	0.00	0.21	-0.21	3.98	-0.61
Riverton	92	52	74	6	0.00	0.19	-0.19	5.56	0.54
Worland	95	49	72	-3	0.00	0.14	-0.14	4.69	-0.31
<b>District 2</b>									
Big Horn	89	48	69	-2	0.21	0.22	-0.01	12.05	2.68
Buffalo-Johnson	89	51	70	-2	0.00	0.33	-0.33	11.28	2.44
Gillette	92	48	70	-2	0.95	0.28	0.67	12.71	2.14
Mid-West	90	47	69	-3	0.00	0.29	-0.29	12.17	2.87
Newcastle	90	46	70	-4	0.43	0.49	-0.06	16.13	6.29
Sheridan	91	46	69	-2	0.11	0.25	-0.14	10.45	1.02
Sundance	89	51	70	1	1.12	0.45	0.67	14.44	2.45
<b>District 3</b>									
Big Piney	84	38	64	3	0.00	0.21	-0.21	2.66	-1.53
Evanston	87	51	69	7	0.00	0.21	-0.21	3.82	-2.56
Jackson Hole	84	36	60	-1	0.00	0.31	-0.31	11.2	-1.28
Thayne	87	35	61	-2	0.00	0.34	-0.34	4.88	0.00
<b>District 4</b>									
Casper	93	45	70	-1	0.00	0.28	-0.28	8.66	0.30
Laramie	87	43	65	2	0.00	0.36	-0.36	5.29	-1.46
Rawlins	90	44	69	1	0.00	0.21	-0.21	3.66	-2.16
Rock Springs	89	51	71	4	0.00	0.21	-0.21	3.95	-1.65
Shirley Basin	89	34	62	2	0.00	0.35	-0.35	7.02	0.74
<b>District 5</b>									
Buford	93	53	71	13	0.03	0.49	-0.46	10.87	1.82
Cheyenne	94	55	74	6	0.00	0.52	-0.52	5.15	-4.50
Chugwater	94	50	73	6	1.10	0.42	0.68	9.55	-0.50
Douglas	93	46	72	2	0.00	0.36	-0.36	7.83	-0.39
Lance Creek	96	48	74	2	0.22	0.35	-0.13	8.92	0.24
Old Fort Laramie	97	39	71	-2	0.24	0.38	-0.14	7.25	-1.59
Torrington	99	53	76	4	0.00	0.42	-0.42	6.04	-2.95
Wheatland	100	44	73	1	0.00	0.42	-0.42	9.24	0.91

1/ Summary based on NWS data. DFN=Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Weather data prepared by AWIS, Inc. For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955